

# UTILITY ENERGY EFFICIENCY REBATE PROGRAMS

Ed Choklek

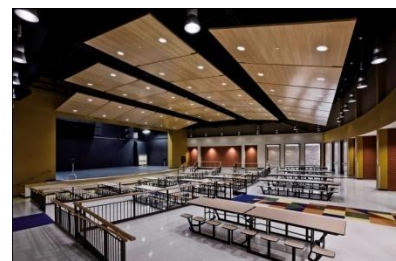
630.574.8710

[edc@fgmarchitects.com](mailto:edc@fgmarchitects.com)

# ComEd Smart Ideas Program

## Qualification Requirements:

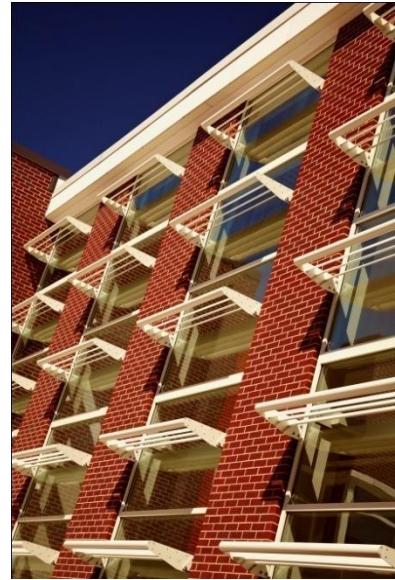
- Current non-residential customers of ComEd
  - \*Next program cycle starts **6/1/11\***
- Must purchase and install eligible equipment
- Must submit complete applications and necessary documentation within the program's effective dates  
June 1, 2010 through May 31, 2011



# Standard Incentive Program

## (Equipment Replacements / Retrofits)

- \$200K max per location per grant cycle
- Lighting Equipment and Controls
- Heating Ventilation and Air-Conditioning Equipment & Controls
- Refrigeration Equipment Controls
- High-efficiency Motors and Variable-speed Drives
- Food Service Equipment
- Sensors and Controls



# Custom Incentive Program

## (Holistic Building Energy Efficiency Solutions)

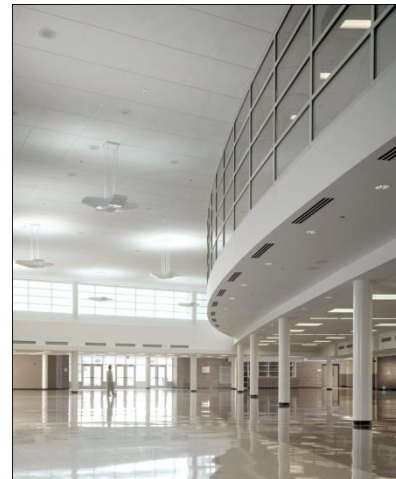
- \$200K max per location per grant cycle
- Energy Management Systems
- Industrial Process Improvements
- Energy Efficiency Improvements **not** Specified in the Standard Incentive Program





# Retro-Commissioning Program (Building System Tune-Ups)

- Facility must have > 500 kW Electric Demand
- No Cost Retro-Commissioning Study
- Owner must Commit to Investing \$10k or \$20k to Implement Recommendations



# New Construction Program (New Buildings & Additions)

- \$150k max per location per grant cycle
- Systems Track ( > 20,000 sf)
- Comprehensive Track ( > 50,000 sf)
- Small Buildings Track ( < 15,000 sf)



# Program Contact Information

[www.comed.com/bizincentives](http://www.comed.com/bizincentives)

[comedsmartideas@KEMA.com](mailto:comedsmartideas@KEMA.com)

888.806.2273

Or Registered Smart Ideas Trade Allies

# NICOR Energy Efficiency Program Business Customer Program

## Qualification Requirements:

- Current business customers of Nicor served on Rates 4 or 74 \* New Program Coming **6/1/11** \*
- Must purchase and install eligible equipment
- Must submit complete applications and necessary documentation within the program's effective dates May 1, 2010 - May 31, 2011





# Business Customer Program – Domestic Hot Water

Equipment	Rebate Amount	Measure-Specific Requirements
Small Water Heater Energy Factor $\geq 0.67$	\$100	<ul style="list-style-type: none"><li>• New equipment must meet ENERGY STAR standards with an Energy Factor <math>\geq 0.67</math></li><li>• For residential-sized hot water heater with storage installed in non-residential space, tankless not eligible.</li></ul>
Large Water Heater Thermal Efficiency $\geq 88\%$	\$150	<ul style="list-style-type: none"><li>• Commercial sized hot water heater with storage installed in non-residential space.</li><li>• New equipment must have a Thermal Efficiency <math>\geq 88\%</math> with an Input Capacity <math>\geq 75</math> MBTUH</li></ul>

- End use must be domestic hot water only, space heating and process end uses are not eligible

# Business Customer Program – Space Heating

Equipment	Rebate Amount	Measure-Specific Requirements
Furnace AFUE $\geq 92\%$	\$200	<ul style="list-style-type: none"><li>For residential-sized furnaces installed in small non-residential space for space heating use.</li><li>New equipment must be ENERGY STAR rated with an Annual Fuel Utilization Efficiency <math>\geq 92\%</math> or <math>\geq 95\%</math> and an Input Capacity between 60 - 140 MBTUH</li><li>Rebate level based on AFUE rating and paid per unit installed.</li></ul>
Furnace AFUE $\geq 95\%$	\$250	
Boiler Thermal Efficiency $\geq 85\%$	\$2/MBTUH	<ul style="list-style-type: none"><li>For commercial-sized hot water boiler (no storage) installed in non-residential space for space heating use.</li><li>New equipment must have a Thermal Efficiency <math>\geq 85\%</math> or and <math>\geq 90\%</math> and an Input Capacity <math>\geq 300</math> MBTUH.</li><li>Rebate level based on Thermal Efficiency rating and paid on Input Capacity in MBTUH.</li></ul>
Boiler Thermal Efficiency $\geq 90\%$	\$4/MBTUH	

- End use must be space heating only, domestic hot water and process end uses are not eligible

# Business Customer Program- Boiler Controls

Equipment	Rebate Amount	Measure-Specific Requirements
Auto-Reset Control	\$250	<ul style="list-style-type: none"><li>Control must result in an Output Temperature Range <math>\geq 10^{\circ}\text{F}</math>.</li><li>Must automatically control boiler output water temperature setpoint based on outdoor air temperature, manual controls are not eligible.</li><li>Eligible boiler limited to Input Capacity <math>\geq 100</math> MBTUH</li><li>Rebate paid on a per unit basis.</li></ul>
Steam Traps	\$50	<ul style="list-style-type: none"><li>New steam traps must replace existing steam traps, one for one and installed at the site address reported on the application.</li><li>Rebate paid on a per steam trap basis.</li></ul>

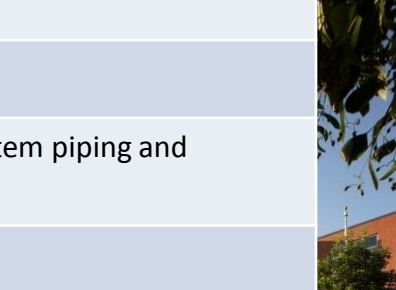
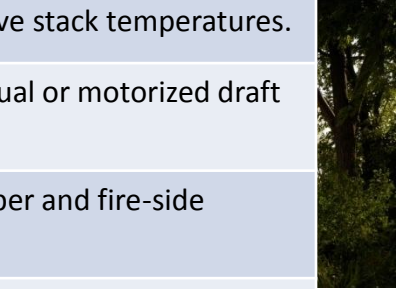
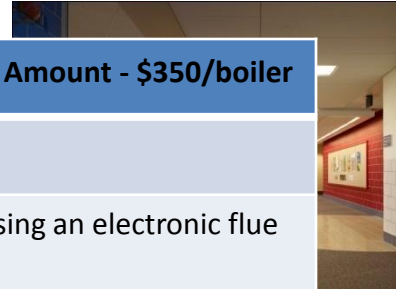
- New equipment should retrofit existing boiler systems for non-residential use

# Business Customer Program - Boiler Tune Up



- Boiler Input Capacity  $\geq$  300 MBTUH
- Boiler must be at least 2 years old
- Must include a copy of the Combustion Test Analyzer documentation
- Tune up service must be completed by a Professional Contractor
- Can only be claimed once per boiler, per program cycle.

Boiler Tune Up	Rebate Amount - \$350/boiler
<b>Required Tune Up Checklist</b>	
Measure combustion efficiency using an electronic flue gas analyzer.	
Adjust airflow and reduce excessive stack temperatures.	
Adjust burner and gas input, manual or motorized draft control.	
Clean burners, combustion chamber and fire-side exchange surface.	
Inspect and clean burner nozzles.	
Check for proper venting.	
Complete visual inspection of system piping and insulation.	
Check safety controls.	

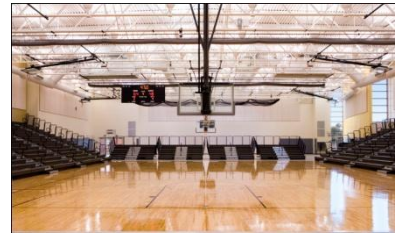




# NICOR Energy Efficiency Program Custom Rebate Program

For gas-saving projects not addressed by the Business Customer Rebate program:

- Commercial Business customers only
- Requires program evaluation and pre-approval before a rebate can be offered to a customer
- Customer-developed gas-savings calculations
- Rebates based on \$0.75 or \$1/therm saved, up to \$100k or 30% of the project cost



# Program Contact Information

[www.nicorgasrebates.com](http://www.nicorgasrebates.com)

[customerservice@nicorgasrebates.com](mailto:customerservice@nicorgasrebates.com)

Commercial Business Program:

[commercial@nicorgasrebates.com](mailto:commercial@nicorgasrebates.com)

John Mansfield

[jmansfield@rsgrp.com](mailto:jmansfield@rsgrp.com)

312-755-9020 x3012

[www.chicagolandrebates.com](http://www.chicagolandrebates.com)

[customer\\_service@chicagolandrebates.com](mailto:customer_service@chicagolandrebates.com)